

## ABSTRACT OF DISCLOSURE

A novel transcriptome analyzing method and to provide  
a gene found by this method and a protein encoded by the  
gene. A method for determining whether or not a continued  
5 arbitrary DNA sequence existing in the genome of an  
arbitrary biological species, in which the nucleotide  
sequence is already known but its possibility of being a  
gene expression region is unclear (specific region), is the  
specific region, which comprises detecting whether or not a  
10 nucleotide sequence that corresponds to the nucleotide  
sequence of the region is present in the RNA of the  
biological species, and a method for determining the gene  
expression region in an arbitrary region on a genome or the  
entire genome, which comprises repeatedly carrying out the  
15 above method.